

Rutland

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	2.90	3	NC*	Male	2.20	6	273
Female	1.09	3	NC*	Female	1.67	1	NC*
Total	3.99	6	150	Total	3.87	7	181
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	1.04	1	NC*	Male	0.60	0	NC*
Female	0.78	1	NC*	Female	0.50	0	NC*
Total	1.82	2	NC*	Total	1.10	0	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.14	0	NC*	Male	2.62	3	NC*
Female	19.35	24	124	Female	2.16	5	231
Total	19.49	24	123	Total	4.78	8	167
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	1.18	1	NC*	Male	2.11	0	NC*
				Female	0.93	1	NC*
				Total	3.04	1	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	7.27	5	69	Female	2.27	4	NC*
Female	6.84	8	117				
Total	14.11	13	92				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	1.14	2	NC*	Male	1.27	1	NC*
Female	0.33	0	NC*	Female	1.24	1	NC*
Total	1.47	2	NC*	Total	2.51	2	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.55	0	NC*	Male	18.64	11	59
Female	0.40	0	NC*				
Total	0.95	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	1.92	3	NC*	Male	1.27	1	NC*
Female	1.10	3	NC*	Female	0.76	1	NC*
Total	3.02	6	199	Total	2.02	2	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	1.09	0	NC*	Male	0.85	1	NC*
Female	0.25	0	NC*				
Total	1.34	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	1.53	3	NC*	Male	0.48	0	NC*
Female	1.17	1	NC*	Female	1.23	1	NC*
Total	2.70	4	NC*	Total	1.71	1	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.74	0	NC*	Female	3.67	3	NC*
Female	0.28	0	NC*				
Total	1.01	0	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	9.45	4	NC*	Male	62.01	46	74 #--
Female	7.25	2	NC*	Female	58.65	61	104
Total	16.70	6	36 ~-	Total	120.65	107	89

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

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* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

Salem

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	23.34	35	150 #+	Male	15.66	14	89
Female	10.88	5	46	Female	13.98	16	114
Total	34.21	40	117	Total	29.64	30	101
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	7.01	5	71	Male	4.48	3	NC*
Female	6.53	5	77	Female	4.74	5	105
Total	13.53	10	74	Total	9.22	8	87
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	1.08	1	NC*	Male	19.07	23	121
Female	162.27	174	107	Female	20.29	19	94
Total	163.35	175	107	Total	39.36	42	107
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	9.53	6	63	Male	14.10	26	184 ~+
				Female	8.19	14	171
				Total	22.29	40	179 ^+
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	57.79	55	95	Female	19.04	29	152 #+
Female	68.64	74	108				
Total	126.43	129	102				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	8.10	13	161	Male	9.66	10	103
Female	3.33	5	150	Female	12.51	12	96
Total	11.43	18	157	Total	22.17	22	99
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	3.84	7	182	Male	139.55	184	132 ^+
Female	3.38	5	148				
Total	7.22	12	166				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	13.44	16	119	Male	9.81	8	82
Female	9.98	12	120	Female	7.51	6	80
Total	23.42	28	120	Total	17.32	14	81
<u>Larynx</u>				<u>Testis</u>			
Male	7.53	6	80	Male	6.28	8	127
Female	2.20	2	NC*				
Total	9.73	8	82				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	11.03	14	127	Male	3.23	6	186

Female	10.13	13	128
Total	21.15	27	128
<u>Liver and Intrahepatic Bile Ducts</u>			
Male	5.20	3	NC*
Female	2.70	1	NC*
Total	7.90	4	NC*
<u>Lung and Bronchus</u>			
Male	72.26	96	133 ~+
Female	68.55	102	149 ^+
Total	140.81	198	141 ^+

Female	9.81	6	61
Total	13.04	12	92
<u>Uteri, Corpus and Uterus, NOS</u>			
Female	30.78	37	120
<u>All Sites / Types</u>			
Male	464.68	566	122 ^+
Female	524.44	589	112 ~+
Total	989.12	1155	117 ^+

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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+ indicates number of observed cases is statistically significantly higher than the expected number of cases

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Salisbury

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>			
Male	4.23	2	NC*
Female	1.59	0	NC*
Total	5.82	2	NC*
<u>Brain and Other Central Nervous System</u>			
Male	1.39	1	NC*
Female	1.10	1	NC*
Total	2.49	2	NC*
<u>Breast</u>			
Male	0.21	0	NC*
Female	27.72	30	108
Total	27.92	30	107
<u>Cervix Uteri</u>			
Female	1.61	3	NC*
<u>Colon / Rectum</u>			
Male	10.59	19	179 #+
Female	9.94	13	131
Total	20.53	32	156 #+
<u>Esophagus</u>			
Male	1.61	4	NC*
Female	0.48	0	NC*
Total	2.09	4	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>			
Male	0.70	2	NC*
Female	0.54	0	NC*

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Melanoma of Skin</u>			
Male	3.02	5	165
Female	2.31	5	216
Total	5.33	10	187
<u>Multiple Myeloma</u>			
Male	0.86	1	NC*
Female	0.74	1	NC*
Total	1.60	2	NC*
<u>Non-Hodgkin('s) Lymphoma</u>			
Male	3.61	2	NC*
Female	3.16	4	NC*
Total	6.77	6	89
<u>Oral Cavity and Pharynx</u>			
Male	2.88	3	NC*
Female	1.34	2	NC*
Total	4.22	5	118
<u>Ovary</u>			
Female	3.24	2	NC*
<u>Pancreas</u>			
Male	1.82	1	NC*
Female	1.85	4	NC*
Total	3.67	5	136
<u>Prostate</u>			
Male	27.26	31	114

Total	1.25	2	NC*
<u>Kidney and Renal Pelvis</u>			
Male	2.67	1	NC*
Female	1.64	4	NC*
Total	4.31	5	116

Larynx

Male	1.53	4	NC*
Female	0.39	0	NC*
Total	1.92	4	NC*

Leukemia

Male	2.09	1	NC*
Female	1.63	2	NC*
Total	3.72	3	NC*

Liver and Intrahepatic Bile Ducts

Male	1.03	0	NC*
Female	0.41	0	NC*
Total	1.44	0	NC*

Lung and Bronchus

Male	13.79	18	131
Female	11.18	16	143
Total	24.97	34	136

Stomach

Male	1.81	0	NC*
Female	1.07	2	NC*
Total	2.88	2	NC*

Testis

Male	1.07	3	NC*
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Thyroid

Male	0.63	1	NC*
Female	1.65	2	NC*
Total	2.28	3	NC*

Uteri, Corpus and Uterus, NOS

Female	5.38	9	167
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All Sites / Types

Male	88.71	108	122
Female	84.89	104	123 #+
Total	173.60	212	122 ~+

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Sandisfield

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>			
Male	0.78	1	NC*
Female	0.20	0	NC*
Total	0.98	1	NC*

Brain and Other Central Nervous System

Male	0.21	0	NC*
Female	0.12	0	NC*
Total	0.33	0	NC*

Breast

Male	0.04	0	NC*
Female	3.12	4	NC*
Total	3.16	4	NC*

Cervix Uteri

Female	0.16	0	NC*
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Melanoma of Skin

Male	0.48	0	NC*
Female	0.25	0	NC*
Total	0.73	0	NC*

Multiple Myeloma

Male	0.15	0	NC*
Female	0.09	1	NC*
Total	0.24	1	NC*

Non-Hodgkin('s) Lymphoma

Male	0.58	2	NC*
Female	0.38	0	NC*
Total	0.95	2	NC*

Oral Cavity and Pharynx

Male	0.47	0	NC*
Female	0.16	1	NC*
Total	0.63	1	NC*

Colon / Rectum

Male	1.95	0	NC*
Female	1.24	0	NC*
Total	3.19	0	NC*

Esophagus

Male	0.29	2	NC*
Female	0.06	0	NC*
Total	0.35	2	NC*

Hodgkin's Disease (Hodgkin Lymphoma)

Male	0.08	0	NC*
Female	0.05	0	NC*
Total	0.14	0	NC*

Kidney and Renal Pelvis

Male	0.45	0	NC*
Female	0.20	0	NC*
Total	0.64	0	NC*

Larynx

Male	0.27	1	NC*
Female	0.05	0	NC*
Total	0.32	1	NC*

Leukemia

Male	0.34	0	NC*
Female	0.18	0	NC*
Total	0.52	0	NC*

Liver and Intrahepatic Bile Ducts

Male	0.18	0	NC*
Female	0.05	0	NC*
Total	0.23	0	NC*

Lung and Bronchus

Male	2.59	0	NC*
Female	1.39	0	NC*
Total	3.98	0	NC*

Ovary

Female	0.36	1	NC*
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Pancreas

Male	0.33	0	NC*
Female	0.24	0	NC*
Total	0.56	0	NC*

Prostate

Male	5.24	1	NC*
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Stomach

Male	0.32	0	NC*
Female	0.13	0	NC*
Total	0.45	0	NC*

Testis

Male	0.11	0	NC*
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Thyroid

Male	0.09	0	NC*
Female	0.16	0	NC*
Total	0.24	0	NC*

Uteri, Corpus and Uterus, NOS

Female	0.62	1	NC*
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All Sites / Types

Male	15.91	7	44 #--
Female	9.90	9	91
Total	25.81	16	62

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Sandwich

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	14.48	16	110	Male	9.16	15	164
Female	5.09	9	177	Female	6.55	9	137
Total	19.57	25	128	Total	15.71	24	153
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			

Male	4.01	2	NC*
Female	3.16	3	NC*
Total	7.18	5	70

Breast

Male	0.67	0	NC*
Female	80.86	89	110
Total	81.53	89	109

Cervix Uteri

Female	4.30	5	116
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Colon / Rectum

Male	35.73	38	106
Female	31.97	29	91
Total	67.70	67	99

Esophagus

Male	5.09	4	NC*
Female	1.56	3	NC*
Total	6.64	7	105

Hodgkin's Disease (Hodgkin Lymphoma)

Male	1.83	0	NC*
Female	1.41	0	NC*
Total	3.25	0	NC*

Kidney and Renal Pelvis

Male	8.28	6	72
Female	4.93	7	142
Total	13.21	13	98

Larynx

Male	4.73	3	NC*
Female	1.15	1	NC*
Total	5.88	4	NC*

Leukemia

Male	6.61	9	136
Female	4.87	8	164
Total	11.48	17	148

Liver and Intrahepatic Bile Ducts

Male	3.21	1	NC*
Female	1.29	1	NC*
Total	4.50	2	NC*

Lung and Bronchus

Male	45.08	24	53 ^-
Female	34.29	30	87
Total	79.38	54	68 ~-

Male	2.80	2	NC*
Female	2.32	1	NC*
Total	5.12	3	NC*

Non-Hodgkin's Lymphoma

Male	11.12	6	54
Female	9.63	5	52
Total	20.75	11	53 #-

Oral Cavity and Pharynx

Male	8.69	8	92
Female	4.03	4	NC*
Total	12.71	12	94

Ovary

Female	9.35	8	86
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Pancreas

Male	6.00	3	NC*
Female	5.90	4	NC*
Total	11.90	7	59

Prostate

Male	88.06	93	106
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Stomach

Male	6.06	7	116
Female	3.42	2	NC*
Total	9.48	9	95

Testis

Male	2.52	1	NC*
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Thyroid

Male	1.69	2	NC*
Female	4.28	7	163
Total	5.97	9	151

Uteri, Corpus and Uterus, NOS

Female	15.87	13	82
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All Sites / Types

Male	284.94	265	93
Female	254.70	258	101
Total	539.64	523	97

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Saugus

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	18.88	27	143	Male	12.22	12	98
Female	7.50	8	107	Female	9.50	9	95
Total	26.39	35	133	Total	21.72	21	97
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	5.35	8	149	Male	3.68	4	NC*
Female	4.47	3	NC*	Female	3.37	4	NC*
Total	9.82	11	112	Total	7.05	8	113
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.89	3	NC*	Male	14.75	17	115
Female	116.68	112	96	Female	14.02	14	100
Total	117.57	115	98	Total	28.76	31	108
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	6.26	5	80	Male	11.50	12	104
<u>Colon / Rectum</u>				Female	5.83	8	137
Male	46.90	50	107	Total	17.34	20	115
Female	47.06	58	123	<u>Ovary</u>			
Total	93.96	108	115	Female	13.48	10	74
<u>Esophagus</u>				<u>Pancreas</u>			
Male	6.73	6	89	Male	7.88	17	216 ~+
Female	2.30	1	NC*	Female	8.69	8	92
Total	9.02	7	78	Total	16.57	25	151
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	2.55	0	NC*	Male	118.04	140	119
Female	2.04	3	NC*	<u>Stomach</u>			
Total	4.59	3	NC*	Male	7.87	11	140
<u>Kidney and Renal Pelvis</u>				Female	5.07	6	118
Male	10.96	16	146	Total	12.94	17	131
Female	7.14	10	140	<u>Testis</u>			
Total	18.10	26	144	Male	3.74	5	134
<u>Larynx</u>				<u>Thyroid</u>			
Male	6.31	4	NC*	Male	2.33	4	NC*
Female	1.65	2	NC*	Female	6.23	10	161
Total	7.96	6	75	Total	8.56	14	164
<u>Leukemia</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	8.60	15	174	Female	22.78	25	110
Female	6.94	8	115	<u>All Sites / Types</u>			
Total	15.55	23	148	Male	378.61	457	121 ^+
<u>Liver and Intrahepatic Bile Ducts</u>				Female	369.60	377	102
Male	4.26	10	235 #+				
Female	1.89	3	NC*				
Total	6.15	13	212 #+				
<u>Lung and Bronchus</u>							
Male	60.08	62	103				
Female	49.76	52	105				

Total	109.83	114	104	Total	748.21	834	111 ~+
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Savoy

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.44	2	NC*	Male	0.31	0	NC*
Female	0.13	0	NC*	Female	0.21	0	NC*
Total	0.57	2	NC*	Total	0.51	0	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.14	0	NC*	Male	0.09	0	NC*
Female	0.10	0	NC*	Female	0.07	1	NC*
Total	0.24	0	NC*	Total	0.15	1	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.02	0	NC*	Male	0.37	0	NC*
Female	2.50	3	NC*	Female	0.28	0	NC*
Total	2.52	3	NC*	Total	0.64	0	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.15	0	NC*	Male	0.29	0	NC*
				Female	0.12	0	NC*
				Total	0.41	0	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	1.09	2	NC*	Female	0.29	0	NC*
Female	0.84	0	NC*				
Total	1.92	2	NC*				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.16	0	NC*	Male	0.19	0	NC*
Female	0.04	0	NC*	Female	0.15	0	NC*
Total	0.20	0	NC*	Total	0.34	0	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.07	0	NC*	Male	2.74	2	NC*
Female	0.05	0	NC*				
Total	0.12	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.27	0	NC*	Male	0.19	0	NC*
Female	0.14	0	NC*	Female	0.09	0	NC*
Total	0.41	0	NC*	Total	0.27	0	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.15	0	NC*	Male	0.11	0	NC*
Female	0.03	0	NC*				
Total	0.19	0	NC*				

<u>Leukemia</u>				<u>Thyroid</u>			
Male	0.21	0	NC*	Male	0.06	0	NC*
Female	0.14	1	NC*	Female	0.15	0	NC*
Total	0.35	1	NC*	Total	0.21	0	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.10	1	NC*	Female	0.49	1	NC*
Female	0.03	0	NC*				
Total	0.14	1	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	1.39	0	NC*	Male	9.00	7	78
Female	0.99	1	NC*	Female	7.49	7	93
Total	2.38	1	NC*	Total	16.49	14	85

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

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indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

Scituate

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	11.89	9	76	Male	7.82	13	166
Female	4.60	6	130	Female	5.98	9	150
Total	16.48	15	91	Total	13.80	22	159
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	3.47	3	NC*	Male	2.35	0	NC*
Female	2.85	4	NC*	Female	2.10	1	NC*
Total	6.32	7	111	Total	4.45	1	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.57	1	NC*	Male	9.39	9	96
Female	74.21	86	116	Female	8.71	10	115
Total	74.78	87	116	Total	18.10	19	105
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	3.95	2	NC*	Male	7.55	9	119
				Female	3.68	8	217
				Total	11.23	17	151
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	29.65	25	84	Female	8.56	8	93
Female	28.74	22	77				
Total	58.39	47	80				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	4.38	1	NC*	Male	5.05	6	119
Female	1.40	0	NC*	Female	5.35	8	150
Total	5.78	1	NC*	Total	10.39	14	135
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			

Male	1.59	0	NC*
Female	1.27	0	NC*
Total	2.87	0	NC*

Kidney and Renal Pelvis

Male	7.08	10	141
Female	4.50	2	NC*
Total	11.59	12	104

Larynx

Male	4.13	4	NC*
Female	1.06	2	NC*
Total	5.19	6	116

Leukemia

Male	5.49	4	NC*
Female	4.40	7	159
Total	9.88	11	111

Liver and Intrahepatic Bile Ducts

Male	2.76	3	NC*
Female	1.17	1	NC*
Total	3.93	4	NC*

Lung and Bronchus

Male	38.47	41	107
Female	31.28	30	96
Total	69.75	71	102

Male	76.58	82	107
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Stomach

Male	5.00	1	NC*
Female	3.09	2	NC*
Total	8.09	3	NC*

Testis

Male	2.23	2	NC*
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Thyroid

Male	1.50	2	NC*
Female	3.92	4	NC*
Total	5.42	6	111

Uteri, Corpus and Uterus, NOS

Female	14.58	17	117
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All Sites / Types

Male	242.74	242	100
Female	232.04	240	103
Total	474.77	482	102

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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Seekonk

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>			
Male	10.00	11	110
Female	3.49	0	NC*
Total	13.49	11	82

Brain and Other Central Nervous System

Male	3.00	5	167
Female	2.31	2	NC*
Total	5.31	7	132

Breast

Male	0.48	1	NC*
Female	60.26	56	93
Total	60.75	57	94

Cervix Uteri

Melanoma of Skin

Male	6.75	6	89
Female	4.89	5	102
Total	11.64	11	94

Multiple Myeloma

Male	1.99	1	NC*
Female	1.64	2	NC*
Total	3.62	3	NC*

Non-Hodgkin('s) Lymphoma

Male	8.06	3	NC*
Female	6.83	5	73
Total	14.90	8	54

Oral Cavity and Pharynx

Male	6.52	9	138
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Female	3.32	1	NC*	Female	2.93	0	NC*
				Total	9.44	9	95
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	25.00	18	72				
Female	21.79	25	115	Female	6.98	8	115
Total	46.80	43	92				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	3.74	3	NC*	Male	4.28	2	NC*
Female	1.06	2	NC*	Female	4.06	1	NC*
Total	4.80	5	104	Total	8.34	3	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	1.41	0	NC*	Male	64.88	46	71 #-
Female	1.07	0	NC*				
Total	2.48	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	6.06	4	NC*	Male	4.24	8	189
Female	3.56	1	NC*	Female	2.33	0	NC*
Total	9.63	5	52	Total	6.58	8	122
<u>Larynx</u>				<u>Testis</u>			
Male	3.54	1	NC*	Male	2.03	3	NC*
Female	0.85	0	NC*				
Total	4.39	1	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	4.67	6	128	Male	1.32	1	NC*
Female	3.46	3	NC*	Female	3.34	3	NC*
Total	8.13	9	111	Total	4.66	4	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	2.37	0	NC*				
Female	0.90	1	NC*	Female	11.83	8	68
Total	3.26	1	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	32.52	11	34 ^-	Male	206.32	150	73 ^-
Female	24.60	20	81	Female	184.34	152	82 #-
Total	57.11	31	54 ^-	Total	390.66	302	77 ^-

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Sharon

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	10.88	12	110	Male	7.63	7	92
Female	3.77	2	NC*	Female	5.49	13	237 ~+

Total	14.65	14	96
<u>Brain and Other Central Nervous System</u>			
Male	3.45	2	NC*
Female	2.60	7	270 #+
Total	6.04	9	149
<u>Breast</u>			
Male	0.54	0	NC*
Female	68.24	79	116
Total	68.77	79	115
<u>Cervix Uteri</u>			
Female	3.72	3	NC*
<u>Colon / Rectum</u>			
Male	27.25	24	88
Female	23.45	16	68
Total	50.71	40	79
<u>Esophagus</u>			
Male	4.23	2	NC*
Female	1.14	2	NC*
Total	5.38	4	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>			
Male	1.58	1	NC*
Female	1.17	1	NC*
Total	2.74	2	NC*
<u>Kidney and Renal Pelvis</u>			
Male	6.91	5	72
Female	3.96	4	NC*
Total	10.87	9	83
<u>Larynx</u>			
Male	4.04	3	NC*
Female	0.96	0	NC*
Total	5.00	3	NC*
<u>Leukemia</u>			
Male	5.27	6	114
Female	3.92	2	NC*
Total	9.18	8	87
<u>Liver and Intrahepatic Bile Ducts</u>			
Male	2.68	1	NC*
Female	0.98	1	NC*
Total	3.66	2	NC*
<u>Lung and Bronchus</u>			
Male	35.79	24	67 #-
Female	26.89	17	63
Total	62.68	41	65 ~-

Total	13.12	20	152
<u>Multiple Myeloma</u>			
Male	2.22	5	225
Female	1.79	2	NC*
Total	4.01	7	174
<u>Non-Hodgkin('s) Lymphoma</u>			
Male	9.04	18	199 #+
Female	7.45	10	134
Total	16.49	28	170 #+
<u>Oral Cavity and Pharynx</u>			
Male	7.55	5	66
Female	3.28	1	NC*
Total	10.83	6	55
<u>Ovary</u>			
Female	7.87	10	127
<u>Pancreas</u>			
Male	4.74	7	148
Female	4.38	1	NC*
Total	9.12	8	88
<u>Prostate</u>			
Male	71.72	65	91
<u>Stomach</u>			
Male	4.68	4	NC*
Female	2.53	8	317 ~+
Total	7.21	12	166
<u>Testis</u>			
Male	2.16	0	NC*
<u>Thyroid</u>			
Male	1.51	6	397 #+
Female	3.73	12	322 ~+
Total	5.24	18	343 ^+
<u>Uteri, Corpus and Uterus, NOS</u>			
Female	13.43	11	82
<u>All Sites / Types</u>			
Male	228.70	208	91
Female	204.85	214	104
Total	433.56	422	97

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Sheffield

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	2.53	1	NC*	Male	1.64	1	NC*
Female	0.86	0	NC*	Female	1.14	0	NC*
Total	3.39	1	NC*	Total	2.77	1	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.71	1	NC*	Male	0.49	1	NC*
Female	0.54	0	NC*	Female	0.39	0	NC*
Total	1.26	1	NC*	Total	0.88	1	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.12	0	NC*	Male	1.98	2	NC*
Female	13.89	7	50	Female	1.64	0	NC*
Total	14.01	7	50	Total	3.61	2	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.76	0	NC*	Male	1.56	4	NC*
				Female	0.69	0	NC*
				Total	2.25	4	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	6.28	6	96	Female	1.61	1	NC*
Female	5.37	7	130				
Total	11.64	13	112				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.91	0	NC*	Male	1.06	1	NC*
Female	0.26	0	NC*	Female	1.00	0	NC*
Total	1.17	0	NC*	Total	2.06	1	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.33	0	NC*	Male	15.76	13	82
Female	0.25	0	NC*				
Total	0.58	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	1.47	2	NC*	Male	1.07	0	NC*
Female	0.84	1	NC*	Female	0.58	1	NC*
Total	2.31	3	NC*	Total	1.64	1	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.85	1	NC*	Male	0.47	1	NC*
Female	0.20	0	NC*				
Total	1.05	1	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	1.15	1	NC*	Male	0.31	1	NC*
Female	0.83	0	NC*	Female	0.76	0	NC*
Total	1.98	1	NC*	Total	1.07	1	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.57	0	NC*	Female	2.71	2	NC*
Female	0.22	0	NC*				
Total	0.79	0	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			

Male	7.99	8	100	Male	50.62	46	91
Female	5.83	3	NC*	Female	43.47	26	60 ~-
Total	13.82	11	80	Total	94.08	72	77 #-

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Shelburne

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	1.36	3	NC*	Male	0.96	1	NC*
Female	0.72	1	NC*	Female	0.85	2	NC*
Total	2.08	4	NC*	Total	1.81	3	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.43	1	NC*	Male	0.28	0	NC*
Female	0.39	0	NC*	Female	0.31	1	NC*
Total	0.82	1	NC*	Total	0.58	1	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.07	0	NC*	Male	1.14	1	NC*
Female	10.40	7	67	Female	1.27	1	NC*
Total	10.46	7	67	Total	2.41	2	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.54	0	NC*	Male	0.93	1	NC*
				Female	0.53	0	NC*
				Total	1.47	1	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	3.41	2	NC*	Female	1.19	0	NC*
Female	4.52	4	NC*				
Total	7.92	6	76				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.52	0	NC*	Male	0.59	1	NC*
Female	0.22	0	NC*	Female	0.82	0	NC*
Total	0.74	0	NC*	Total	1.41	1	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.21	0	NC*	Male	8.84	9	102
Female	0.18	0	NC*				
Total	0.38	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.86	0	NC*	Male	0.58	0	NC*
Female	0.64	1	NC*	Female	0.50	1	NC*
Total	1.50	1	NC*	Total	1.08	1	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.50	1	NC*	Male	0.30	0	NC*

Female	0.14	0	NC*
Total	0.64	1	NC*

Leukemia

Male	0.66	1	NC*
Female	0.66	0	NC*
Total	1.32	1	NC*

Liver and Intrahepatic Bile Ducts

Male	0.33	0	NC*
Female	0.18	0	NC*
Total	0.51	0	NC*

Lung and Bronchus

Male	4.45	2	NC*
Female	4.32	8	185
Total	8.77	10	114

Thyroid

Male	0.19	0	NC*
Female	0.53	0	NC*
Total	0.73	0	NC*

Uteri, Corpus and Uterus, NOS

Female	2.00	4	NC*
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All Sites / Types

Male	28.48	26	91
Female	33.50	34	101
Total	61.98	60	97

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Sherborn

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	2.87	2	NC*	Male	2.06	2	NC*
Female	0.94	2	NC*	Female	1.46	2	NC*
Total	3.81	4	NC*	Total	3.52	4	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.92	1	NC*	Male	0.60	2	NC*
Female	0.68	2	NC*	Female	0.46	0	NC*
Total	1.60	3	NC*	Total	1.06	2	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.14	0	NC*	Male	2.41	2	NC*
Female	18.39	22	120	Female	1.92	0	NC*
Total	18.54	22	119	Total	4.33	2	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	1.01	0	NC*	Male	2.07	1	NC*
				Female	0.86	0	NC*
				Total	2.93	1	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	7.23	12	166				
Female	5.82	6	103	Female	2.12	2	NC*
Total	13.05	18	138				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	1.15	1	NC*	Male	1.27	2	NC*
Female	0.28	0	NC*	Female	1.09	1	NC*

Total	1.43	1	NC*
Hodgkin's Disease (Hodgkin Lymphoma)			
Male	0.41	0	NC*
Female	0.30	0	NC*
Total	0.71	0	NC*
Kidney and Renal Pelvis			
Male	1.88	2	NC*
Female	1.04	1	NC*
Total	2.92	3	NC*
Larynx			
Male	1.11	2	NC*
Female	0.26	0	NC*
Total	1.37	2	NC*
Leukemia			
Male	1.39	3	NC*
Female	1.00	1	NC*
Total	2.39	4	NC*
Liver and Intrahepatic Bile Ducts			
Male	0.73	0	NC*
Female	0.25	1	NC*
Total	0.98	1	NC*
Lung and Bronchus			
Male	9.63	2	NC*
Female	7.07	10	141
Total	16.70	12	72

Total	2.36	3	NC*
Prostate			
Male	19.43	21	108
Stomach			
Male	1.24	2	NC*
Female	0.62	1	NC*
Total	1.87	3	NC*
Testis			
Male	0.55	2	NC*
Thyroid			
Male	0.41	1	NC*
Female	1.01	2	NC*
Total	1.42	3	NC*
Uteri, Corpus and Uterus, NOS			
Female	3.64	4	NC*
All Sites / Types			
Male	61.42	62	101
Female	53.81	58	108
Total	115.23	120	104

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SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

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Shirley

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
Bladder, Urinary			
Male	3.49	8	229
Female	1.14	2	NC*
Total	4.63	10	216 #+
Brain and Other Central Nervous System			
Male	1.39	0	NC*
Female	0.95	1	NC*
Total	2.34	1	NC*
Breast			
Male	0.18	0	NC*
Female	22.49	17	76
Total	22.67	17	75

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
Melanoma of Skin			
Male	2.90	2	NC*
Female	1.99	1	NC*
Total	4.89	3	NC*
Multiple Myeloma			
Male	0.73	0	NC*
Female	0.55	0	NC*
Total	1.29	0	NC*
Non-Hodgkin('s) Lymphoma			
Male	3.42	3	NC*
Female	2.48	6	242
Total	5.90	9	153

Cervix Uteri

Female	1.49	0	NC*
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Colon / Rectum

Male	8.92	12	135
Female	7.10	8	113
Total	16.01	20	125

Esophagus

Male	1.43	1	NC*
Female	0.34	1	NC*
Total	1.77	2	NC*

Hodgkin's Disease (Hodgkin Lymphoma)

Male	0.82	0	NC*
Female	0.54	1	NC*
Total	1.36	1	NC*

Kidney and Renal Pelvis

Male	2.43	4	NC*
Female	1.28	0	NC*
Total	3.71	4	NC*

Larynx

Male	1.39	2	NC*
Female	0.30	1	NC*
Total	1.70	3	NC*

Leukemia

Male	1.91	1	NC*
Female	1.30	1	NC*
Total	3.20	2	NC*

Liver and Intrahepatic Bile Ducts

Male	0.94	1	NC*
Female	0.30	0	NC*
Total	1.25	1	NC*

Lung and Bronchus

Male	11.88	11	93
Female	8.56	8	93
Total	20.44	19	93

Oral Cavity and Pharynx

Male	2.71	0	NC*
Female	1.05	1	NC*
Total	3.76	1	NC*

Ovary

Female	2.69	3	NC*
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Pancreas

Male	1.57	0	NC*
Female	1.33	0	NC*
Total	2.91	0	NC*

Prostate

Male	23.67	24	101
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Stomach

Male	1.54	4	NC*
Female	0.77	1	NC*
Total	2.31	5	216

Testis

Male	1.42	1	NC*
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Thyroid

Male	0.70	1	NC*
Female	1.59	2	NC*
Total	2.29	3	NC*

Uteri, Corpus and Uterus, NOS

Female	4.28	9	210
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All Sites / Types

Male	78.79	78	99
Female	66.98	72	107
Total	145.76	150	103

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Shrewsbury

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			

Male	17.83	21	118
Female	6.72	6	89
Total	24.55	27	110

Brain and Other Central Nervous System

Male	5.60	5	89
Female	4.45	7	157
Total	10.06	12	119

Breast

Male	0.86	1	NC*
Female	112.56	107	95
Total	113.42	108	95

Cervix Uteri

Female	6.40	2	NC*
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Colon / Rectum

Male	44.59	43	96
Female	42.12	44	104
Total	86.71	87	100

Esophagus

Male	6.61	3	NC*
Female	2.05	3	NC*
Total	8.66	6	69

Hodgkin's Disease (Hodgkin Lymphoma)

Male	2.82	4	NC*
Female	2.15	3	NC*
Total	4.97	7	141

Kidney and Renal Pelvis

Male	10.92	15	137
Female	6.73	9	134
Total	17.65	24	136

Larynx

Male	6.28	4	NC*
Female	1.58	0	NC*
Total	7.85	4	NC*

Leukemia

Male	8.60	9	105
Female	6.64	2	NC*
Total	15.24	11	72

Liver and Intrahepatic Bile Ducts

Male	4.24	2	NC*
Female	1.72	1	NC*
Total	5.96	3	NC*

Lung and Bronchus

Male	57.82	50	86
Female	46.42	45	97
Total	104.23	95	91

Male	12.34	14	113
Female	9.34	9	96
Total	21.68	23	106

Multiple Myeloma

Male	3.55	2	NC*
Female	3.10	6	193
Total	6.66	8	120

Non-Hodgkin('s) Lymphoma

Male	14.79	21	142
Female	13.12	11	84
Total	27.92	32	115

Oral Cavity and Pharynx

Male	11.66	10	86
Female	5.51	4	NC*
Total	17.17	14	82

Ovary

Female	13.13	15	114
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Pancreas

Male	7.59	12	158
Female	7.81	11	141
Total	15.40	23	149

Prostate

Male	114.11	115	101
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Stomach

Male	7.55	6	80
Female	4.52	2	NC*
Total	12.07	8	66

Testis

Male	4.31	5	116
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Thyroid

Male	2.51	3	NC*
Female	6.51	10	154
Total	9.03	13	144

Uteri, Corpus and Uterus, NOS

Female	21.89	24	110
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All Sites / Types

Male	369.16	367	99
Female	349.21	348	100
Total	718.37	715	100

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Shutesbury

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.95	0	NC*	Male	0.77	2	NC*
Female	0.31	0	NC*	Female	0.60	0	NC*
Total	1.26	0	NC*	Total	1.36	2	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.36	0	NC*	Male	0.20	0	NC*
Female	0.27	1	NC*	Female	0.16	0	NC*
Total	0.63	1	NC*	Total	0.36	0	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.05	0	NC*	Male	0.90	0	NC*
Female	6.84	6	88	Female	0.70	0	NC*
Total	6.89	6	87	Total	1.59	0	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.45	0	NC*	Male	0.76	0	NC*
				Female	0.31	0	NC*
				Total	1.08	0	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	2.40	3	NC*	Female	0.81	0	NC*
Female	1.95	1	NC*				
Total	4.35	4	NC*				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.40	0	NC*	Male	0.43	0	NC*
Female	0.09	0	NC*	Female	0.36	0	NC*
Total	0.50	0	NC*	Total	0.79	0	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.18	0	NC*	Male	6.49	6	93
Female	0.15	0	NC*				
Total	0.34	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.67	0	NC*	Male	0.43	2	NC*
Female	0.37	0	NC*	Female	0.21	1	NC*
Total	1.04	0	NC*	Total	0.64	3	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.39	0	NC*	Male	0.28	0	NC*
Female	0.09	0	NC*				
Total	0.48	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	0.51	0	NC*	Male	0.17	0	NC*
Female	0.37	0	NC*	Female	0.48	0	NC*
Total	0.88	0	NC*	Total	0.65	0	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.26	0	NC*				
Female	0.08	0	NC*	Female	1.30	1	NC*

Total	0.34	0	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	3.22	0	NC*	Male	21.22	13	61
Female	2.40	1	NC*	Female	19.57	11	56
Total	5.61	1	NC*	Total	40.79	24	59 ~-

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